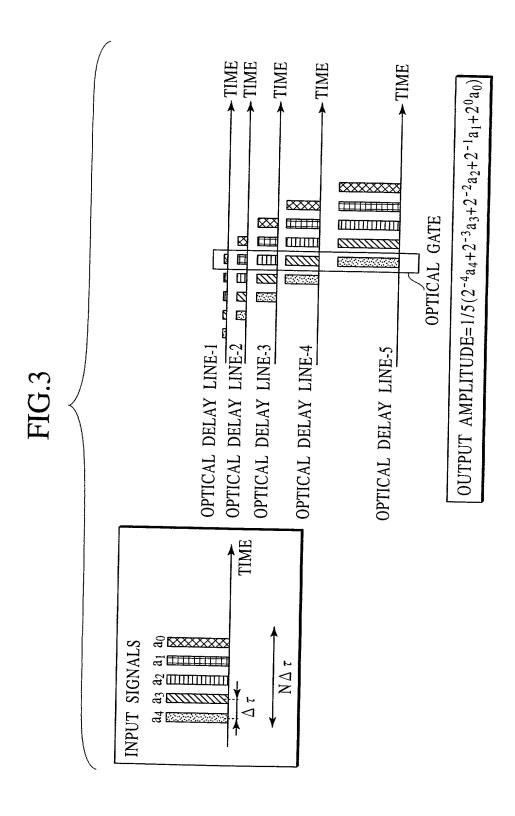


THIN FILM
HEATER 40

OPTICAL
COUPLER

MACH-ZEHNDER OPTICAL SWITCH 41





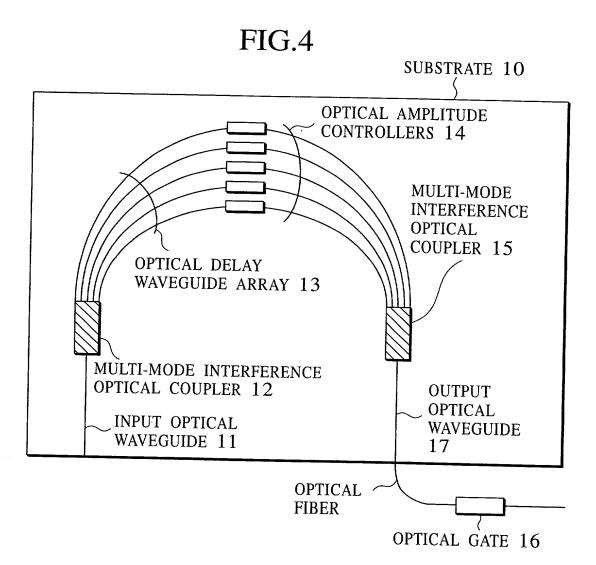


FIG.5

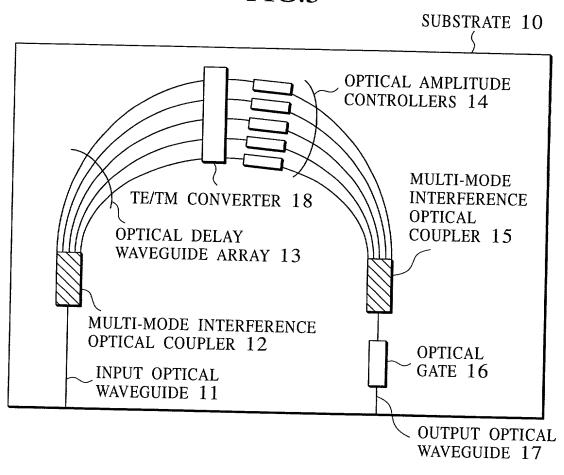


FIG.6

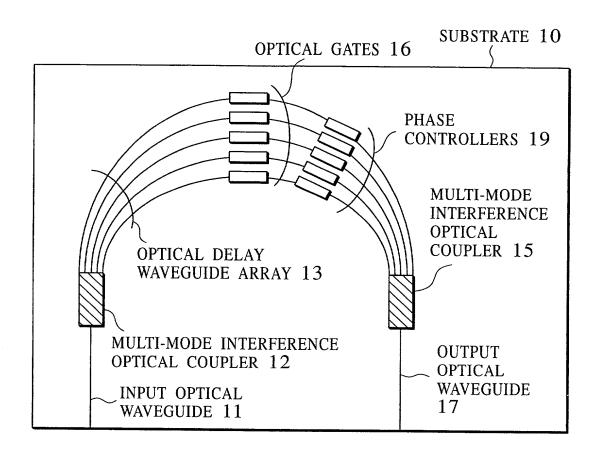


FIG.7

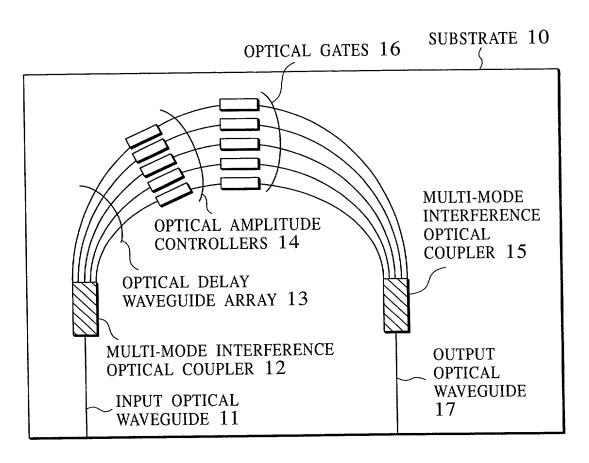
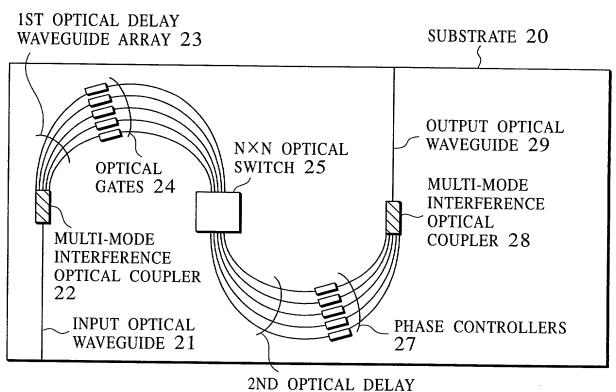


FIG.8



2ND OPTICAL DELAY WAVEGUIDE ARRAY 26

